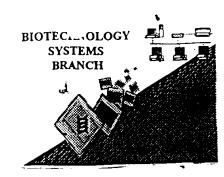
RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: _	10/006,063	
Source: _	OLPE	
Date Processed by STIC:	12/14/01	

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,

2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216. PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax) PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE <u>CHECKER</u> <u>VERSION 3.0 PROGRAM</u>, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address: http://www.uspto.gov/web/offices/pac/checker

DATE: 12/14/2001

TIME: 10:18:21

OIPE

```
Input Set : A:\sequence_listing_for_P2830P1C3 Dees Not Comply
                                                                     Corrected Diskette Needed
      3 <110> APPLICANT: Baker, Kevin P.
                                                                      Erres on pp. 9+10
              Botstein, David
      5
              Desnoyers, Luc
      6
              Eaton, Dan 1.
      7
              Ferrara, Napoleone
                                                                  The type of errors shown exist throughout
      8
              Fong, Sherman
                                                                  the Sequence Listing. Please check subsequent
      9
              Gao, Wei-Qiang
                                                                  sequences for similar errors.
              Goddard, Audrey
     10
              Godowski, Paul J.
     11
              Grimaldi, Christopher J.
     12
     13
              Gurney, Austin L.
              Hillan, Kenneth J.
     14
              Pan, James
     15
     16
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     18 <120> TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
     19
              Acids Encoding the Same
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C--> 23 <140> CURRENT APPLICATION NUMBER: US/10/006,063
C--> 23 <141> CURRENT FILING DATE: 2001-12-06
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/006,063

DATE: 12/14/2001

PATENT APPLICATION: US/10/006,063

TIME: 10:18:21

Input Set : A:\sequence_listing_for_P2830P1C3.wpd

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DATE: 12/14/2001 TIME: 10:18:21

PATENT APPLICATION: US/10/006,063

Input Set : A:\sequence_listing_for_P2830P1C3.wpd

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PATENT APPLICATION: US/10/006,063

DATE: 12/14/2001 TIME: 10:18:21

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PATENT APPLICATION: US/10/006,063

DATE: 12/14/2001 TIME: 10:18:21

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DATE: 12/14/2001

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/006,063 TIME: 10:18:22

Input Set : A:\sequence_listing_for_P2830P1C3.wpd

Output Set: N:\CRF3\12142001\I006063.raw

L:23 M:270 C: Current Application Number differs, Replaced Current Application No L:23 M:271 C: Current Filing Date differs, Replaced Current Filing Date L:520 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:1 L:523 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:1 L:533 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:2 $L:536\ M:257\ W:$ Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:2 L:681 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 L:1342 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:13 L:1345 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:13 L:1355 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:14 L:1358 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:14 L:1368 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:15 L:1371 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:15 L:1551 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:18 L:1554 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:18 L:1564 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:19 L:1567 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:19 L:1577 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:20 L:1580 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:20 L:1911 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:25 L:1914 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:25 L:1924 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:26 L:1927 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:26 L:1937 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:27 L:1940 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:27 L:2406 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:34 L:2409 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:34 L:2419 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:35 L:2422 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:35 L:2432 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:36 L:2435 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:36 L:2445 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:37 L:2448 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:37 L:2458 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:38 L:2461 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:38 L:2471 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:39 L:2474 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:39 L:2779 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:44 L:2782 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:44 L:2792 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:45 L:2795 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:45 L:2805 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:46 L:2808 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:46 L:2818 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:47 L:2821 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:47 L:2831 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:48 L:2834 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:48 L:3957 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:59

DATE: 12/14/2001

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/006,063 TIME: 10:18:22

Input Set : A:\sequence_listing_for_P2830P1C3.wpd

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L:4030\ M:341\ W: (46) "n" or "Xaa" used, for SEQ ID#:62
L:4122 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63
L:4158 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63
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L:5936 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:93
L:6143 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:96 L:6146 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:96
L:6156 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:97
L:6159 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:97
L:6169 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:98
L:6172 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:98
L:6884 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:105
L:6887 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:105
L:6897 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:106 L:6900 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:106
L:6910 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:107
L:6913 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:107
L:6923 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:108
L:6926 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:108
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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/006,063

DATE: 12/14/2001 TIME: 10:18:22

Input Set : A:\sequence_listing_for_P2830P1C3.wpd

Output Set: N:\CRF3\12142001\I006063.raw

L:6936 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:109
L:6939 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:109
L:7066 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:112
L:7069 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:112
L:7079 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:113
L:7082 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:113
L:7092 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:114
L:7095 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:114
L:7473 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:114
L:7473 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:119
L:14262 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:259
L:20824 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:20939 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:377
L:22554 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:377

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<210> 1
<211> 43
<212> DNA
<213> Artificial
<220>
<221> Artificial Sequence
                               -involid, must explain source of genetic material
<222> 1-43
<223> Sequence - Artificial
                                 Sa error summy sheet item !
<400> 1
tgtaaaacga cggccagtta aatagacctg caattattaa tct 43
<210> 2
<211> 41
<212> DNA
<213> Artificial
<220>
<221> Artificial Sequence
<222> 1-41
                                - Sime
<223> Sequence - Artificial
<400> 2
caggaaacag ctatgaccac ctgcacacct gcaaatccat t 41
```

missy Lever summary sheet item !! <210> 375 <211> 1098 <212> DNA <213> Artificial

<400> 375

gcgacgcgcg gcggggcggc gagaggaaac gcggcgccgg gccgggcccg 50